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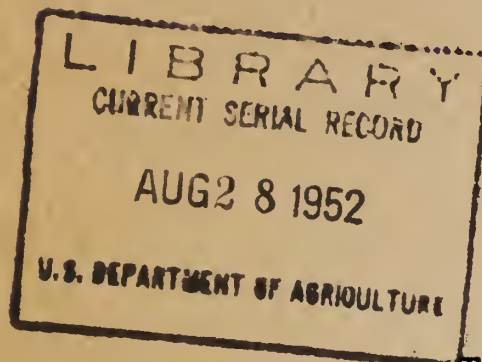


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UNITED STATES DEPARTMENT OF AGRICULTURE  
Bureau of Agricultural Economics

In cooperation with

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS



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APPLE MANUFACTURES

THE USE OF APPLES IN CIDER MILLS

EVAPORATORS AND CANNERIES IN NEW YORK STATE

1939-51

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Albany, New York  
July 1952



Table 1. - Receipts and utilization of apples at manufacturing plants, New York, crops of 1939-51

Crop year :	Net receipts 1/	Receipts from other states (included in preceding column) :	Used for cider and apple juice	Used for canning or applesauce
<u>bushels</u>				
1939	8,361,900	7,400	5,101,500	1,987,800
1940	4,195,000	10,500	2,573,700	1,351,500
1941	7,328,300	17,500	3,993,600	2,580,600
1942	7,907,500	62,000	3,712,500	2,751,700
1943	5,611,300	98,400	3,037,900	1,865,400
1944	7,607,800	479,400	4,278,800	2,010,200
1945	1,418,000	806,500	873,000	440,800
1946	8,723,800	495,100	4,364,400	3,595,500
1947	6,214,000	99,100	2,920,000	2,839,800
1948	4,552,000	173,600	1,788,300	2,271,000
1949	8,877,200	24,300	3,806,000	4,289,500
1950	9,676,800	67,000	3,122,500	5,472,700
1951	7,165,900	17,200	2,114,500	4,220,400

Continued

Table 1. - Receipts and utilization of apples at manufacturing plants, New York, crops of 1939-51 - - continued

Crop year :	Used for drying	Used for freezing 2/	Used for other products 2/ 3/
<u>bushels</u>			
1939	1,207,100		65,500
1940	199,400		70,400
1941	536,700		217,400
1942	1,120,800	39,300	283,200
1943	502,400	113,800	91,800
1944	441,100	577,400	300,300
1945	-	76,800	27,400
1946	114,900	459,400	189,600
1947	108,800	191,500	153,900
1948	39,600	169,600	283,500
1949	221,700	347,500	212,500
1950	260,900	510,100	310,600
1951	277,400	266,300	287,300

1/ Apples received at a plant and then transferred to another plant for processing are included only in plant where processed. One bushel is assumed to equal 48 pounds.

2/ Frozen apples were first asked separately in 1944. The 1943 and 1942 totals for this item as published may be incomplete. For 1941 and earlier years quantities used for frozen apples were not separated from "other products."

3/ Among other products for which these apples were used are jelly, apple butter, mincemeat, fresh sliced apples for pies in upstate areas and in 1941 and earlier years frozen apples. Included also are small amounts of loss and shrinkage and some apples sorted out for sale as fresh fruit.



Table 2.- Cider and dried apple products made, New York, from crops of 1939-51

Crop year	Cider and juice pressed 1/	Dried apples	Dried apple chops	Dried skins and cores	Dried pomace 2/
	gallons		pounds		
1939	21,835,600	7,076,700	461,700	(Not available)	612,000
1940	10,659,000	869,000	469,400	( in 1939-40 )	454,200
1941	17,863,400	3,056,700	284,500	595,300	823,900
1942	17,235,500	6,473,500	356,700	1,461,100	2,126,000
1943	14,188,100	2,736,200	233,400	649,800	758,000
1944	19,725,300	2,489,700	194,000	536,100	1,168,000
1945	3,565,900	-	-	-	67,000
1946	19,103,000	721,100	67,000	151,000	1,570,000
1947	13,230,400	648,600	-	-	720,500
1948	7,714,200	265,500	-	-	3,044,200
1949	19,695,500	1,341,300	58,800	-	5,630,000
1950	18,614,200	1,363,000	190,000	-	4,605,900
1951	12,739,600	1,565,500	28,600	-	4,630,400

1/ Quantities disposed of as apple juice were: 1940 - 3,360,300 gallons; 1941 - 3,620,800; 1942 - 3,685,000; 1943 - 3,456,100; 1944 - 6,262,600; 1945 - 1,840,600; 1946 - 7,611,200; 1947 - 3,657,100; 1948 - 2,607,100; 1949 - 7,699,700; 1950 - 7,240,500; 1951 - 7,202,800. Separate data on "apple juice" were not secured prior to 1940.

2/ Years 1939-40 include dried skins and cores, as separate data were first asked in 1941.

Table 3.- Average price paid for apples, by type of manufacturing plant, New York 1939-51 1/

Crop year	Cider mills	Evaporators	Canneries	All plants
		dollars per 100 pounds		
1939	.18	.27	.43	.26
1940	.28	.29	.75	.47
1941	.34	.57	1.19	.72
1942	.44	1.46	1.59	1.05
1943	1.13	2.86	3.12	2.12
1944	1.04	2.96	3.21	2.06
1945	2.77	-	6.69	4.40
1946	1.21	1.88	3.91	2.57
1947	.67	.89	2.58	1.72
1948	1.09	1.22	2.87	2.16
1949	.51	.77	1.85	1.25
1950	.58	1.17	2.66	1.95
1951	.54	.75	1.65	1.29

1/ These prices are the average of "average or prevailing prices" as reported, and weighted by the importance of the various districts.

Table 4.- Receipts and utilization of apples by type of manufacturing plant, New York, crops of 1950 and 1951

Item	Cider mills		Other processors		All plants	
	1950	1951	1950	1951	1950	1951
<u>bushels</u>						
Receipts:						
Net <u>1</u> /	2,297,100	1,391,000	7,379,700	5,774,900	9,676,800	7,165,900
From other states (included above)	21,400	16,400	45,600	800	67,000	17,200
Utilized for:						
Cider and juice	2,297,100	1,391,000	825,400	723,500	3,122,500	2,114,500
Canning and apple sauce	-	-	5,472,700	4,220,400	5,472,700	4,220,400
Drying	-	-	260,900	277,400	260,900	277,400
Freezing	-	-	510,100	266,300	510,100	266,300
Other products <u>2</u> /	-	-	310,600	287,300	310,600	287,300

1/ Apples received at a plant and then transferred to another plant for processing are included only in the plant where processed.

2/ Includes small amounts of shrinkage and some apples sorted out for sale as fresh fruit.



Table 5.- Apples received and cider and juice made, by districts and type of plant, New York, crops of 1950 and 1951

District <u>1/</u> and year	Apples received at		Cider and juice made at	
	: Cider mills	: Other processors:	: Cider mills	: Other processors:
	<u>bushels</u>		<u>gallons</u>	
	Total	Total	Total	Total
Ontario				
1950	1,055,100	6,647,200	7,702,300	6,946,400
1951	388,800	5,249,200	5,638,000	1,535,700
				6,652,800
				7,286,100
				13,599,200
				8,821,800
Mid-western				
1950	105,500	284,900	390,400	548,600
1951	69,500	134,800	204,300	235,000
				548,600
				235,000
Hudson				
1950	581,600	63,600	645,200	2,172,500
1951	448,900	46,600	495,500	1,663,900
				2,172,500
				1,663,900
Champlain				
1950	6,200	-	6,200	49,800
1951	9,100	-	9,100	28,900
				49,800
				28,900
Other				
1950	548,700	384,000	932,700	2,151,400
1951	474,700	344,300	819,000	1,878,000
				92,700
				112,000
				2,244,100
				1,990,000
State				
1950	2,297,100	7,379,700	9,676,800	11,868,700
1951	1,391,000	5,774,900	7,165,900	5,341,500
				6,745,500
				7,398,100
				18,614,200
				12,739,600

1/ Districts used in this publication include counties as listed below:

- Ontario District -Niagara, Orleans, Monroe, Wayne.
- Mid-western District -Erie, Genesee, Wyoming, Livingston, Ontario, Yates, Seneca, Tompkins.
- Hudson District -Columbia, Dutchess, Putnam, Westchester, Greene, Ulster, Orange, Rockland.
- Champlain District -Clinton, Essex.
- Other districts -All counties not included above.

Table 6.- Apple manufacturing establishments in operation and establishments making specified products, New York, crops of 1939-51

Crop year	Establishments in operation	Cider and juice	Establishments making <u>1/</u> Dried apple products	Other apple products 2/
<u>number</u>				
1939	573	507	45	25
1940	427	392	19	24
1941	461	418	26	25
1942	374	318	42	25
1943	283	243	33	25
1944	300	250	30	32
1945	63	56	2	10
1946	261	221	13	35
1947	293	244	15	39
1948	249	212	12	34
1949	285	244	19	31
1950	265	222	21	37
1951	247	202	20	33

<sup>1/</sup> A total of the establishments making cider and juice, dried apple products or other apple products exceeded the number of establishments in operation, as an establishment may make more than one of the listed products. "Custom" and "Commercial" cider mills are included in number of establishments.

<sup>2/</sup> Other apple products include canned apples or applesauce, frozen apples, apple butter, mincemeat, fresh sliced apples for pies in upstate areas, etc.

Table 7.- Apples received from other states at New York processing plants, crops of 1949, 1950 and 1951

	1949	1950	1951
<u>bushels</u>			
<u>Regions of origin <sup>1/</sup></u>			
New England States	11,000	34,500	6,600
Other Eastern States	13,300	32,500	10,600
Total	24,300	67,000	17,200
<u>District in New York in which received <sup>2/</sup></u>			
Ontario	8,300	16,100	-
Mid-western	-	4,300	800
Hudson, Champlain and other	16,000	46,600	16,400
Total	24,300	67,000	17,200

<sup>1/</sup> States grouped to prevent disclosure of individual operations.

<sup>2/</sup> For counties included in each district, see footnote 1, table 5.





